

KINDLY AMEND THIS APPLICATION AS FOLLOWS: By entering a complete listing
of the claims provided below:

Cancel claims 91-141 and 168, without prejudice to Applicants' right to pursue the
subject matter of these claims in a duly filed continuation application.

In The Claims:

Claims 1-90 (Previously Canceled)

Claims 91-141 (Canceled)

Claims 142-149 (Previously Canceled)

150. (Previously Presented) An *in vitro* process for producing a specific nucleic
acid, said process comprising the steps of:

(a) providing a conjugate which is capable of producing a specific nucleic
acid when present in a cell, said conjugate comprising a protein-nucleic acid
construct, said construct comprising:

(i) at least one promoter;

(ii) at least one segment of said specific nucleic acid comprising a
sequence coding for a protein; and

(iii) an RNA polymerase;

and (b) introducing said conjugate into a cell, thereby producing said specific
nucleic acid.

151. (Previously Presented) The process of claim 150, wherein said protein-nucleic acid construct comprises a double-stranded nucleic acid.

152. (Previously Presented) The process of claim 150, wherein said sequence coding for a protein comprises a sequence for said RNA polymerase.

153. (Presently Presented) The process of claim 150, wherein said sequence coding for a protein comprises a sequence for said RNA polymerase wherein said sequence coding for a protein comprises a protein other than said RNA polymerase.

154. (Previously Presented) The process of claim 150, wherein said sequence coding for a protein comprises a sequence for said RNA polymerase and a sequence for a protein other than said RNA polymerase.

155. (Previously Presented) The process of claim 150, wherein said sequence coding for a protein comprises a sequence for a second RNA polymerase that is different from said RNA polymerase in said construct.

156. (Previously Presented) The process of claim 155, further comprising a second promoter for said second RNA polymerase.

157. (Previously Presented) The process of claim 156, further comprising a sequence for a protein, wherein said protein is transcribed from said second promoter.

158. (Previously Presented) An *in vivo* process for producing a specific nucleic acid, said process comprising the steps of:

(a) providing a conjugate which is capable of producing a specific nucleic acid when present in a cell, said conjugate comprising a protein-nucleic acid construct, said construct comprising:

- (i) at least one promoter;
- (ii) at least one segment of said specific nucleic acid comprising a template for transcription; and
- (iii) an RNA polymerase;

and (b) introducing said conjugate into a cell, thereby producing said specific nucleic acid.

159. (Previously Presented) The process of claim 158, wherein said specific nucleic acid being produced comprises sense RNA or antisense RNA.

160. (Previously Presented) The process of claim 159, wherein said sense RNA codes for a protein.

161. (Previously Presented) The process of claim 160, wherein said protein coding sense RNA codes for said RNA polymerase.

162. (Previously Presented) The process of claim 160, wherein said protein coding sense RNA codes for a protein other than said RNA polymerase.

163. (Previously Presented) The process of claim 160, wherein said protein coding sense RNA codes for said RNA polymerase and a protein other than said RNA polymerase.

164. (Previously Presented) The process of claim 160, wherein said protein coding sense RNA comprises a sequence for a second RNA polymerase that is different from said RNA polymerase in said construct.

165. (Previously Presented) The process of claim 164, further comprising a second promoter for said second RNA polymerase.

166. (Previously Presented) The process of claim 165, further comprising a sequence for a protein, wherein said protein is transcribed from said second promoter.

167. (Previously Presented) An *in vivo* process for producing a specific nucleic acid, said process comprising the steps of:

(a) providing a conjugate comprising a protein-nucleic acid construct, said conjugate being capable of producing a nucleic acid when present in a cell, wherein said construct comprises at least one complementary sequence to a primer present in said cell; and

(b) introducing said conjugate into a cell, thereby producing said specific nucleic acid.

168. (Canceled)

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